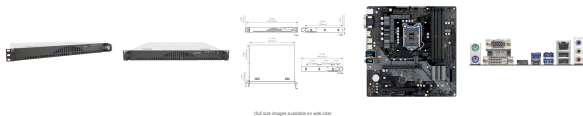# 1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-AH370M-LA

Type:

- 1U Rack Mount Industrial PC
- Depth: 14", Max Card Depth: 8"

Motherboard:

- Featuring Intel H370 Chipset and 8th and 9th Gen Core i7/i5/i3 (LGA1151) processor
- **LAN:** 1x Ports (GB (10/100/1000))
- **RAID:** 0,1
- **Video:** VGA + DVI-D + HDMI
- **Audio:** 7.1+2 Channel HD Audio by Realtek ALC892
- **Ports:**
  4x USB 2.0 Ports (2 Rear, 2 Internal Headers)
  6x USB 3.2 Gen 1 Ports (2 Rear, 4 Internal Headers)
  1x USB 3.2 Gen 2 Port (1 Rear)
  1x USB 3.2 Gen 2 Type-C Port (1 Rear)
  1x COM Port (RS232 Internal Headers)
  See specifications for more ports
- **Operating Temperature:** 0ºC to 50ºC (32ºF to 122ºF)

Configuration summary:

- **Processor:** G4900 - 3.1GHz Intel Celeron CPU - Dual Core, 2MB Cache, UHD Graphics 610 (54W) (ERM) - or Better
- **Memory:** 4GB DDR4 2666MHz RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 200W ATX12V Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model
- Motherboard Type: MicroATX

Supported CPU
- Number of Processors: 1
- Processor Type: 8th and 9th Gen Core i7/i5/i3 (LGA1151)

Chipset
- Chipset: Intel H370 Chipset

Memory
- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 64GB

On Board Audio
- Audio Type: 7.1+2 Channel HD Audio by Realtek ALC892

On Board Video
- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: VGA + DVI-D + HDMI
- VGA Port Out: 1
- DVI-D Out: 1
- HDMI Out: 1

LAN
- LAN Ports: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i219V
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA III Ports (6GB): 6
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

M.2 Slot Specs
- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- PCIe Signal

Chassis Specifications:

General
- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Slide Rails: Optional

Expansion
- Full Height Slots: 1
- Max Card Depth: 8"
- Internal 3.5" Bays: 2

Cooling System
- Maximum Fan Count: 1
- Included Fans: 1

Physical
- Depth: 14"
- Depth (Inches): 14
- Width: 16.80"
- Height: 1.75"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 21"
- Shipping Box - Height: 7"
- Shipping Weight: 13lbs

Compliance of Component
- CE
- FCC
- CCC

Other Features
- Chassis Warranty: 1 Year

Power
- Built-in Chassis Power Supply: 200W ATX12V Power Supply

- 2230 - 22 mm x 30 mm.
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
- PCIe Signal
- 2230 - 22 mm x 30 mm.
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.

Rear IO

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 1
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 4
- Serial (via Headers): 1
- FAN Connectors: 4
- Audio on Headers
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 0ºC to 50ºC (32ºF to 122ºF)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Value
- Windows 10 IoT Ent
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:

- 2 x PCI Express 3.0 x16 Slots (PCIE1/PCIE4: single at x16 (PCIE1); dual at x16 (PCIE1) / x4 (PCIE4))*
- 2 x PCI Express 3.0 x1 Slots (Flexible PCIe)
- Supports AMD Quad CrossFireX™ and CrossFireX™
- 1 x M.2 Socket (Key E), supports type 2230

WiFi/BT module and Intel® CNVi (Integrated WiFi/BT)

*If PCIE2 is occupied, PCIE4 will downgrade to x2 mode.
Supports NVMe SSD as boot disks

* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

If you have any questions, please discuss with our Sales Engineers.

- Motherboard Warranty: 1 Year